

# Project: IP68 Projects

Location: Mexico, Russia, Singapur, Libya etc.

Year: Since 2010



A Trasy Company



- Type: HKZ
- Power range: 200 - 1400 kW
- Voltage: 690V – 10kV
- Frequency: 50 - 60 Hz
- Speed: 715 – 1800 rpm
- Cooling: Cooled by the surrounding water
- Quantity: More than 50 pieces
- Application: Pump station for treatment of sewage sludge
- Highlight: IP68 protection for permanent underwater operation.

Project: **Bhel**

Location: India  
Year: 2001



- Type: HKW-156 D02
  - Power: 1800 kW
  - Voltage: 6.6 kV
  - Frequency: 50 Hz
  - Speed: 2976 rpm
  - Cooling: Air cooled
  - Quantity: 1 piece
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- Application: Gas turbine
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- Highlight: Weather protected design / max. output: 2800 kW

Project: **Degussa Infracor**

Location: Germany

Year: 2004



A Trasy Company



- Type: HKG-550 Z06
- Power: 700 kW
- Voltage: 6 kV
- Frequency: 50 Hz
- Speed: 993 rpm
- Cooling: Air cooled
- Quantity: 1 piece
  
- Application: Pump
  
- Highlight: Sleeve bearing with natural cooling

Project: **Firouzkuh Cement**

Location: Iran  
Year: 2004



- Type: HRR-010 B06
- Power: 3750 kW
- Voltage: 6.3 kV
- Frequency: 50 Hz
- Speed: 992 rpm
- Cooling: Air cooled
- Quantity: 1 piece
  
- Application: Cement mill
  
- Highlight: Operation 2100 m over sea level

Project: **GFM Steyr**

Location: Steyr, Austria  
Year: 2004



- Type: HKM-145 C06
  - Power: 400 kW
  - Voltage: 6 kV
  - Frequency: 50 Hz
  - Speed: 981 rpm
  - Cooling: air water cooled
  - Quantity: 2 pieces
- 
- Application: Forging machine
- 
- Highlight: Mechanically robust design

Project: **Hüttenwerke Krupp Mannesmann**

Location: Duisburg, Germany

Year: 2007



A Trasy Company



- Type: HKG-550 M06
- Power: 850 kW
- Voltage: 5 kV
- Frequency: 50 Hz
- Speed: 994 rpm
- Cooling: Rib cooled
- Quantity: 2+2 pieces

• Application: Coal mill

• Highlight: Design with special rotor

Project: **IASI**

Location: Romania

Year: 2004



A Trasy Company



- Type: HKG-545 G06
- Power: 710 kW
- Voltage: 6 kV
- Frequency: 50 Hz
- Speed: 994 rpm
- Cooling: Air cooled
- Quantity: 3 pieces

• Application: Pump

• Highlight: High efficiency

Project: **Kahramanmaras Cement**

Location: Turkey  
Year: 2007



- Type: HRR-011 Z06
- Power: 5400 kW
- Voltage: 6.3 kV
- Frequency: 50 Hz
- Speed: 992 rpm
- Cooling: Tube cooled
- Quantity: 3+3 pieces

- Application: Cement Mill



Project: **Kavir Kashan**

Location: Kashan, Iran

Year: 2004



A Trasy Company



- Type: HRR-080 B06
- Power: 1400 kW
- Voltage: 6.3 kV
- Frequency: 50 Hz
- Speed: 977 rpm
- Cooling: Air cooled
- Quantity: 3 pieces

- Application: Mill

Project: **Liede II**

Location: China

Year: 2003



A Trasy Company



- Type: HKZ-535 E06/545 K10
- Power: 200 / 380 kW
- Voltage: 6.3 kV
- Frequency: 50 Hz
- Speed: 991 / 595 rpm
- Cooling: Cooled by the surrounding water
- Quantity: 5 pieces
  
- Application: Immersion pump, series Amarex KRT
  
- Highlight: IP68 protection for permanent underwater operation / used in Chinas largest drinking water treatment plant

Project: **Main Sewage Plant Vienna**

Location: Vienna, Austria

Year: 1999 + 2002



A Trasy Company



- Type: MKG-535 J04
- Power: 160 kW
- Voltage: 400 V
- Frequency: 50 Hz
- Speed: 1490 upm
- Cooling: air cooled
- Quantity: 17+16 pieces
  
- Application: Pump
  
- Highlight: Epoxy zinc-phosphate surface protection against corrosion

Project: **Neusiedler**

Location: Austria

Year: 2004



A Trasy Company



- Type: HKG-545 K08
- Power: 400 kW
- Voltage: 6 kV
- Frequency: 50 Hz
- Speed: 745 rpm
- Cooling: Air cooled
- Quantity: 4 pieces

• Application: Refiner

• Highlight: Design with low noise level – 79 dB(A)

Project: **Singapur IP68**

Location: Singapore

Year: 2004



A Trasy Company



- Type: MKZ-545 C10
- Power: 230 kW
- Voltage: 400 V
- Frequency: 50 Hz
- Speed: 595 rpm
- Cooling: Cooled by the surrounding water
- Quantity: 4 pieces
  
- Application: Pump
  
- Highlight: Corrosion resistant cast steel (Super Duplex) / Operation in extremely aggressive salt water

Project: **VAI Kosice**

Location: Slovakia

Year: 2004



A Trasy Company



- Type: HKR-180 B06
- Power: 1500 kW
- Voltage: 690 V
- Frequency: 50 Hz
- Speed: 990 rpm
- Cooling: Tube cooled
- Quantity: 3+3 pieces
  
- Application: Fan
  
- Highlight: Terminal box with busbar / Rated current = 1575 A

Project: **VAI Russland**

Location: Russia

Year: 2004



A Trasy Company



- Type: HKL-150 D04
- Power: 2000 kW
- Voltage: 6 kV
- Frequency: 50 Hz
- Speed: 1491 rpm
- Cooling: Air/air cooled
- Quantity: 2+2 pieces
  
- Application: Fan
  
- Highlight: Ambient temperature  
-30°C to +40°C

Project: **White Nile Sugar**

Location: Sudan

Year: 2006



A Trasy Company



- Type: HRH-063 P14
- Power: 960 kW
- Voltage: 3.3 kV
- Frequency: 50 Hz
- Speed: 421 rpm
- Cooling: Exhaust air discharged by a conduit
- Quantity: 20 pieces
  
- Application: Pipe cased shaft pump
  
- Highlight: Vertical installation on pipe cased shaft pump with low vibrations (between 0.12 and 0.48 mm/sec measured) / automatic brush lifting device



Project: **ESSUKI**

Location: Sudan

Year: 2010



A Trasy Company



- Type: HRH-080 R16
- Power: 1250 kW
- Voltage: 11 kV
- Frequency: 50 Hz
- Speed: 367 rpm
- Cooling: Exhaust air discharged by a conduit
- Quantity: 4 pieces
  
- Application: Pipe cased shaft pump
  
- Highlight: Vertical installation on pipe cased shaft pump with low vibrations / automatic brush lifting device  
Replacement of ELIN Motors which had been in operation since 1972